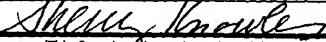
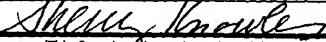
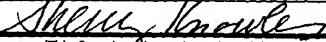


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<b>UTILITY PATENT APPLICATION TRANSMITTAL</b>		Attorney Docket No.	REV 100 US																																									
		First Inventor	Carol J. Phelps																																									
		Express Mail Label No.	<b>EV330776839US</b>																																									
(Only for new nonprovisional applications under 37 CFR 1.53(b))																																												
Title	"Porcine Animals Lacking any Expression of Functional Alpha 1, 3 Galactosyltransferase"																																											
<b>Application Elements</b> <small>See MPEP chapter 600 concerning utility patent application contents.</small>			<b>ADDRESS TO:</b> Mail Stop Patent Application Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450																																									
<p>1. <input checked="" type="checkbox"/> Fee Transmittal Form <i>(Submit an original, and a duplicate for fee processing)</i></p> <p>2. <input checked="" type="checkbox"/> Applicant claims small entity status. <i>See 37 CFR 1.27</i></p> <p>3. <input checked="" type="checkbox"/> Specification Total Pages <b>[69]</b> <i>(preferred arrangement set forth below)</i> <ul style="list-style-type: none"> <li>- Descriptive title of the invention</li> <li>- Cross Reference to Related Applications</li> <li>- Statement Regarding Fed sponsored R &amp; D</li> <li>- Reference to sequence listing, a table, or a computer program listing appendix</li> <li>- Background of the Invention</li> <li>- Brief Summary of the Invention</li> <li>- Brief Description of the Drawings (if filed)</li> <li>- Detailed Description</li> <li>- Claim(s)</li> <li>- Abstract of the Disclosure</li> </ul> </p> <p>4. <input checked="" type="checkbox"/> Drawing(s) (35 U.S.C. 113) [Total Pages <b>[6]</b>]</p> <p>5. Oath or Declaration [Total Pages <b>[2]</b>]       <ul style="list-style-type: none"> <li>a. <input type="checkbox"/> Newly executed (original or copy)</li> <li>b. <input checked="" type="checkbox"/> Unexecuted</li> <li>c. <input type="checkbox"/> Copy from prior application (37 CFR 1.63(d)) <i>(for continuation/divisional with Box 17 completed)</i> <ul style="list-style-type: none"> <li>i. <input type="checkbox"/> <b>DELETION OF INVENTOR(S)</b> <small>Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).</small></li> </ul> </li> </ul> </p> <p>6. <input type="checkbox"/> Application Data Sheet. See 37 CFR 1.76</p> <p>18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:  <input type="checkbox"/> Continuation    <input type="checkbox"/> Divisional    <input type="checkbox"/> Continuation-in-part (CIP)    of prior application No: _____        Prior application information: Examiner: _____ Group/Art Unit: _____</p> <p>For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.</p>																																												
<p>7. <input type="checkbox"/> CD-ROM or CD-R in duplicate, large table or Computer Program (<i>Appendix</i>)</p> <p>8. Nucleotide and/or Amino Acid Sequence Submission <i>(if applicable, all necessary)</i> <ul style="list-style-type: none"> <li>a. <input type="checkbox"/> Computer Readable Form (CRF)</li> <li>b. Specification Sequence Listing on:           <ul style="list-style-type: none"> <li>i. <input type="checkbox"/> CD-ROM or CD-R (2 copies); or</li> <li>ii. <input type="checkbox"/> paper</li> </ul> </li> <li>c. <input type="checkbox"/> Statement verifying identity of above copies</li> </ul> </p> <p><b>ACCOMPANYING APPLICATION PARTS</b></p> <p>9. <input type="checkbox"/> Assignment Papers (cover sheet &amp; document(s))</p> <p>10. <input type="checkbox"/> 37 CFR 3.73(b) Statement <i>(when there is an assignee)</i> <ul style="list-style-type: none"> <li><input type="checkbox"/> Power of Attorney</li> </ul> </p> <p>11. <input type="checkbox"/> English Translation Document (<i>if applicable</i>)</p> <p>12. <input type="checkbox"/> Information Disclosure Statement (IDS)/PTO-1449       <ul style="list-style-type: none"> <li><input type="checkbox"/> Copies of IDS Citations</li> </ul> </p> <p>13. <input type="checkbox"/> Preliminary Amendment</p> <p>14. <input checked="" type="checkbox"/> Return Receipt Postcard (MPEP 503) <i>(Should be specifically itemized)</i></p> <p>15. <input type="checkbox"/> Certified Copy of Priority Document(s) <i>(if foreign priority is claimed)</i></p> <p>16. <input type="checkbox"/> Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.</p> <p>17. <input checked="" type="checkbox"/> Other: check for \$ <b>.500.00</b></p>																																												
<p>19. CORRESPONDENCE ADDRESS</p> <table border="1" style="width: 100%;"> <tr> <td style="width: 30%;"><input checked="" type="checkbox"/> Customer Number or Bar Code Label</td> <td style="width: 40%; text-align: center;">20786 (Insert Customer No. or Attach bar code label here)</td> <td style="width: 30%;">or <input checked="" type="checkbox"/> Correspondence address below</td> </tr> </table> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%;">Firm or Individual Name</td> <td colspan="5">Sherry M. Knowles, Esq. (Registration No. 33,052)</td> </tr> <tr> <td>Address</td> <td colspan="5">King &amp; Spalding 191 Peachtree Street</td> </tr> <tr> <td>City</td> <td>Atlanta</td> <td>State</td> <td>GA</td> <td>ZIP</td> <td>30303-1763</td> </tr> <tr> <td>Country</td> <td>U.S.A.</td> <td>Telephone</td> <td>404-572-3541</td> <td>Fax</td> <td>404-572-5145</td> </tr> <tr> <td colspan="3">Name (Print Type): Sherry M. Knowles</td> <td colspan="2">Registration No. (Attorney/Agent)</td> <td>33,052</td> </tr> <tr> <td colspan="3">Signature </td> <td colspan="2">Date</td> <td>August 21, 2003</td> </tr> </table>						<input checked="" type="checkbox"/> Customer Number or Bar Code Label	20786 (Insert Customer No. or Attach bar code label here)	or <input checked="" type="checkbox"/> Correspondence address below	Firm or Individual Name	Sherry M. Knowles, Esq. (Registration No. 33,052)					Address	King & Spalding 191 Peachtree Street					City	Atlanta	State	GA	ZIP	30303-1763	Country	U.S.A.	Telephone	404-572-3541	Fax	404-572-5145	Name (Print Type): Sherry M. Knowles			Registration No. (Attorney/Agent)		33,052	Signature 			Date		August 21, 2003
<input checked="" type="checkbox"/> Customer Number or Bar Code Label	20786 (Insert Customer No. or Attach bar code label here)	or <input checked="" type="checkbox"/> Correspondence address below																																										
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Signature 			Date		August 21, 2003																																							

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450 Alexandria, VA 22313

16985 U.S. PTO  
08/21/03

## FEE TRANSMITTAL

This sheet accompanies a patent application transmittal for the following application:

Inventor(s): Carol J. Phelps  
 Filing Date: August 21, 2003  
 Title: "Porcine Animals Lacking any Expression of Functional Alpha 1, 3 Galactosyltransferase"

The filing fee is calculated as shown below:

### 1. FILING FEE:

FOR:	SMALL ENTITY	LARGE ENTITY	
FEES	FEES PAID	FEES	FEES PAID
<input checked="" type="checkbox"/> UTILITY FILING FEE	\$370.00	\$370.00	\$750.00
<input type="checkbox"/> DESIGN FILING FEE	\$165.00		\$330.00
<input type="checkbox"/> PLANT FILING FEE	\$255.00		\$510.00
<input type="checkbox"/> REISSUE FILING FEE	\$370.00		\$740.00
<input type="checkbox"/> PROVISIONAL FILING FEE	\$80.00		\$160.00
<b>SUBTOTAL (1)</b>	\$370.00		

### 2. CLAIMS:

FOR:	NO. FILED	NO. EXTRA	RATE	SMALL ENTITY	LARGE ENTITY
TOTAL CLAIMS	50 - 20 =	30	30 x \$9 =	\$270.00	117 x \$18 =
INDEP. CLAIMS	7 - 3 =	4	4 x \$42 =	\$168.00	29 x \$84 =
<input type="checkbox"/> MULTIPLE DEPENDENT CLAIM PRESENTED			+\$140 =	0	+\$280 =
<b>SUBTOTAL (2)</b>	<b>\$438.00</b>				

### 3. ADDITIONAL FEES:

FOR:	SMALL ENTITY	LARGE ENTITY	
FEES	FEES PAID	FEES	FEES PAID
<input type="checkbox"/> LATE FILING, FEE OR OATH	\$65		\$130
<input type="checkbox"/> NON-ENGLISH SPECIFICATION	\$130		\$130
<input type="checkbox"/> OTHER			
<b>SUBTOTAL (3)</b>	\$		

**TOTAL FILING FEES: \$ \$808.00**

A check is enclosed for the amount: \$ 500.00

Charge any additional fees required under 37 C.F.R. 1.16 or 1.17 to Deposit Account 11-0980.

KING & SPALDING

45<sup>th</sup> Floor, 191 Peachtree Street, N.E.

Atlanta, Georgia 30303

Telephone: 404.572.4600

By: Sherry Knowles

Date: August 21, 2003

Sherry M. Knowles, Esq.

Reg. No. 33,052

**UTILITY PATENT APPLICATION FILING**

**Certificate of Mailing Under 37 CFR 1.10**

I hereby certify that this Utility Patent Application and Transmittal, along with any documents referred to as attached therein are being deposited with the United States Postal Service in an envelope as "Express Mail Post Office to Addresses" services under 37 CFR 1.10, Mailing Label Number EV330776839US addressed to Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on August 21, 2003.



Stephanie D. Adams

Date: 21 August 2003  
REV 100 US